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Derwent Title: **Casting device for casting at least one bush in casing, with annular gap between tail spindle and bush for direct cooling of bush with coolant**

Original Title: ☒ **DE19906026A1: Vorrichtung zum Eingießen zumindest einer Buchse in ein Gehäuse**

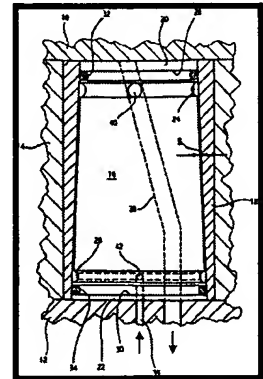
Assignee: **AUDI AG** Standard company
Other publications from [AUDI AG \(NSUM\)](#)...

Inventor: **MUENNIGHOFF H;**

Accession/
Update: **2000-544627 / 200050**

IPC Code: **B22D 19/08 ; F02F 7/00 ;**

Derwent Classes: **P53; Q52;**

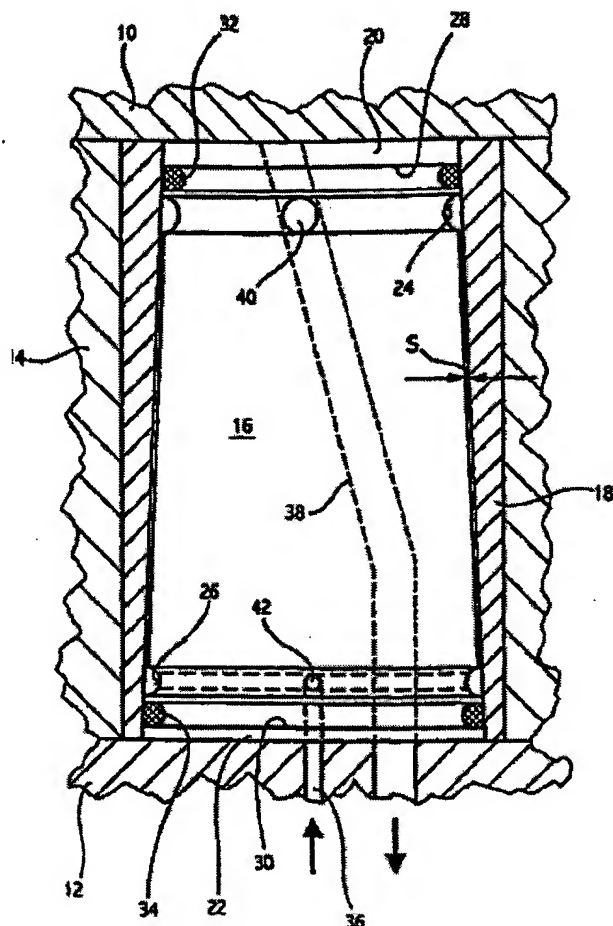


Derwent Abstract: ([DE19906026A](#)) **Novelty** - The casting device can cast a bush such as a cylinder line into a cylindrical casing. The bush is set on the tail spindle of the casting tool, which is cooled by coolant during casting. There is an annular gap between the tail spindle (16) and the bush (18) for the direct cooling of the bush with a coolant. The gap may be between the tail spindle guide connections (20, 22).

Use - For casting at least one bush in a casing.

Advantage - Easier to cast thin bushes, e.g. by chill-mold process.

Images:



Description of Drawing(s) - The drawing shows a longitudinal section through the device.

Tail spindle 16, Bush 18, Tail spindle guide connections 20, 22 Dwg.1/1

Family:

PDF Patent

Pub. Date Derwent Update Pages Language IPC Code

☒ **DE19906026A1** * 2000-08-17 200050 4 German B22D 19/08

Local appls.: DE1999001006026 Filed:1999-02-12 (99DE-1006026)

INPADOC
Legal Status:

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First Claim:
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1. Vorrichtung zum Eingießen zumindest einer Buchse in ein Gehäuse, insbesondere einer Zylinderlaufbuchse in ein Zylindergehäuse einer Hubkolbenmaschine, wobei die Buchse auf eine Pinole des Gießwerkzeuges aufgesteckt und die Pinole während des Gießens mit einem Kühlmedium gekühlt ist, **dadurch gekennzeichnet**, daß zwischen Pinole (16) und Buchse (18) ein ringförmiger Spalt (s) zur direkten Kühlung der Buchse (18) mittels eines Kühlmediums vorgesehen ist.

Priority Number:

Application Number	Filed	Original Title
DE1999001006026	1999-02-12	

Title Terms:

CAST DEVICE CAST ONE BUSH CASING ANNULAR GAP TAIL SPINDLE BUSH
DIRECT COOLING BUSH COOLANT

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